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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/626,113	07/24/2003	Sung-Taeg Kang	8021-164 (SS-17835-US)	9521	
75	90 06/22/2004		EXAMINER		
Frank Chau	Frank Chau			но, ти ти v	
F. CHAU & AS Suite 501	F. CHAU & ASSOCIATES, LLP Suite 501			PAPER NUMBER	
	1900 Hempstead Turnpike			2818	
East Meadow,	NY 11554		DATE MAILED: 06/22/2004	4	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	10/626,113	KANG, SUNG-TAEG	
Office Action Summary	Examin r	Art Unit	
	Tu-Tu Ho	2818	
The MAILING DATE of this communication ap Period for Reply	pears on the cover shet wil	h the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a rep - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailir earned patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, however, may a reply within the statutory minimum of thirty will apply and will expire SIX (6) MON ² e, cause the application to become AB	ply be timely filed (30) days will be considered timely. (HS from the mailing date of this communication. ANDONED (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed on 24 J	<i>luly</i> 2003.		
2a) ☐ This action is FINAL . 2b) ☑ Thi	s action is non-final.		
3) Since this application is in condition for allowated closed in accordance with the practice under a secondary.			
Disposition of Claims			
4) ☐ Claim(s) 1-22 is/are pending in the application 4a) Of the above claim(s) is/are withdra 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) 1-22 are subject to restriction and/or	awn from consideration.		
Application Papers			
9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the E	cepted or b) objected to I educated to I educated to I educated to I educated in abeyan ction is required if the drawing(ce. See 37 CFR 1.85(a). s) is objected to. See 37 CFR 1.121(d).	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureat* * See the attached detailed Office action for a list	nts have been received. Its have been received in A cority documents have been au (PCT Rule 17.2(a)).	oplication No received in this National Stage	
Attachment(s)			
1) Notice of References Cited (PTO-892)		ummary (PTO-413))/Mail Date	
 Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date 		formal Patent Application (PTO-152)	

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DETAILED ACTION

Election/ Restriction

Claims 1-22 are pending in this application.

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

Group I. Claims 1-9, drawn to a non-volatile memory device, classified in class

257, subclass 315.

Group II. Claims 10-22, drawn to a method of making a non-volatile memory

device, classified in class 438, subclass 201.

2. Applicant is further required to elect one of the following patently distinct species for

either of the inventions:

Species I. Illustrated in Figure 2.

Species II. Illustrated in Figure 11.

3. The inventions are distinct, each from the other because of the following reasons:

Inventions II and I are related as process of making and product made. The inventions are

distinct if either or both of the following can be shown: (1) that the process as claimed can be

used to make other and materially different product or (2) that the product as claimed can be

made by another and materially different process (MPEP § 806.05(f)). In the instant case

unpatentability of the Group I invention would not necessarily imply unpatentability of the

Group II invention, since the device of the Group I invention could be made by processes

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materially different from those of the Group II invention. For example, the device of the Group I invention could be made without forming a sacrificial layer as claimed in claim 10.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for 4. prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, 1 is generic.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

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5. Because these inventions are distinct for the reasons given above and have acquired a

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separate status in the art because of their different classifications and because the species are

distinct because of their recognized divergent subject matter, restriction for examination

purposes as indicated is proper.

6. Applicant is advised that the response to this requirement to be complete must include an

election of the invention to be examined even though the requirement be traversed (37

CFR 1.143).

7. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tu-Tu Ho whose telephone number is (571) 272-1778. The

examiner can normally be reached on 6:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, DAVID NELMS can be reached on (571) 272-1787. The fax phone numbers for the

organization where this application or proceeding is assigned are (703) 872-9306 for regular

communications and (703) 872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (703) 308-1782.

TH

Tu-Tu Ho

June 18, 2004

David Nelms
Supervisory Patent Examiner

Technology Center 2800